

Montana and the Sky



Vol. 40, No. 10

MONTANA AERONAUTICS DIVISION

October 1989

FERGUSON TO SERVE AS NASAO PRESIDENT

Michael D. Ferguson, administrator of the Montana Aeronautics Division, has been elected president of the National Association of State Aviation Officials. The election took place at the 58th annual meeting of the organization in Rapid City, South Dakota, in September. Ferguson's term of office will begin in January. "I am pleased to have been selected by my peers to serve in this leadership role. 1990 will be a challenging year for both aviation and the NASAO organization," Ferguson said in accepting the association gavel.

"Continued constraints of federal spending on imperative aviation needs nationwide and the expiration of certain funding authorizations within federal aviation programs will require thoughtful input from the 'state partners' to assure that aviation development is not to suffer. Within the association, we will be implementing the 'NASAO Strategic Plan for the 1990s' - a long-range planning process that we have spent most of 1989 developing. The 'Plan' will help us better focus our attention and better manage the rapid expansion of the organization."

Ferguson brings a long and experienced aviation career to the post. He has been the Montana Aeronautics Division administrator since 1975. Prior to that he was a fixed base operator in Billings. He is a graduate of Northrop University in California.

A member and leader of numerous aviation organizations, Ferguson recently was presented the President's Award honoring his contributions as a board member of the International Northwest Aviation Council. Ferguson is an active pilot and aviation promoter. He has over 5600 hours of flying experience and holds two world and US class flight records set in 1985 in his Beech Bonanza.

NASAO represents the state government aviation service agencies in all the states as well as the aviation departments of Puerto Rico and Guam.

ANNOUNCING AERO CHART PHOTO CONTEST

By: Jerry Burrows, Chief
Airport/Airways Bureau

We are in the process of updating our aeronautical chart and are concerned about providing some new, fresh scenic pictures about Montana and aviation in Montana.

We are hoping that many of you have such items and that you will share them with us by allowing us to use them as part of our 1990 chart. The only catch is that we need colored 35 mm slides - not prints. Slides provide a far superior end product due to the color separation process used in printing the chart.

We are looking for slides taken in Montana depicting "aviation in Montana" - recreational, work related, fly-ins, aerial shots - anything that shows your use of an aircraft in some activity.

Please mark each slide with you name and address. We would prefer to be able to keep all slides, but should you want yours returned, please so indicate.

The top rated entries will be used as part of our aeronautical chart, and you will receive credit for the photo on the chart. We are also trying to arrange prizes for the photos we publish.

As our supply of 1986 charts is depleted, we are anxious to have the new one completed and to the printer. Please have your entries to us no later than December 1, 1989. Send entries to: Montana Aeronautics Division, P.O. Box 5178, Helena, MT 59604. Be sure to adequately protect your slides when mailing.

Contact Jerry Burrows or Redge Meierhenry at 444-2506 for more information.

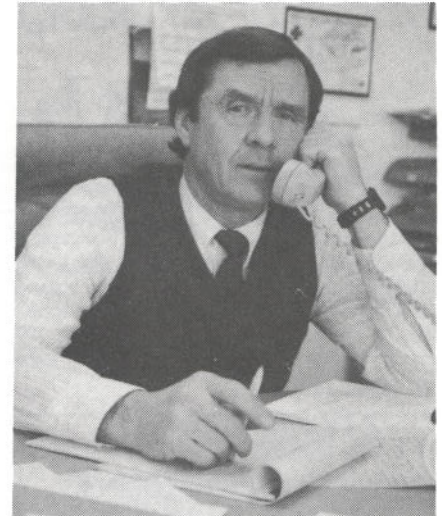


Administrator's Column

AOPA Joins War Against Drugs. AOPA President John Baker has recently announced that AOPA has joined forces with the U.S. Customs Service, Federal Aviation Administration, and the National Crime Prevention Council in a nationwide effort to stop the use of general aviation for illegal drug trafficking. The AOPA Airport Neighborhood Watch program is designed, through a public awareness education effort, to provide the necessary information and resources to enable them to recognize and become involved in preventing the use of our airports and aircraft in the drug smuggling effort. Although it is reported that 70 to 90 percent of the general aviation aircraft stolen are used to transport illegal drugs, of the 137,000 general aviation aircraft inspected by the USCS in 1988, only 165 or approximately one-tenth of one percent were seized. The AOPA initially plans to send out over 10,000 packets of information to airport managers, airport businesses, aviation organizations, and interested individuals. The U.S. Customs has set up a toll free number to report any suspicious activities on airports. The number is 1-800-BE ALERT.

Proposal To Shoot Down GA Aircraft Killed. The U.S. Senate killed Sen. McConnell's (KY) amendment to the President's drug bill which would authorize the "SHOOTING DOWN" of general aviation aircraft "SUSPECTED" of drug smuggling. In last month's *Montana and the Sky*, I told about Sen. McConnell's amendment to the Defense Authorization Bill which also would authorize such outlandish action. This first proposal is still in the House/Senate Conference Committee; however, the Senate's subsequent action will virtually guarantee its death in that committee, also. U.S. Senators and Congressmen were inundated by the aviation community throughout the country expressing their grave concern and vehement opposition to this unbelievable proposal. The Department of Defense, Department of Justice, Department of Transportation, Federal Aviation Administration, and, reportedly, the CIA and FBI also opposed this proposal. It was apparent that, had this proposal passed, innocent people would have been shot out of the sky sooner or later. I know we are all very elated over this defeat, and I, for one, have had my faith renewed in our great system at work on Capitol Hill. The "cool heads" prevailed - although I will admit that I was wavering there for awhile.

Good News From the FCC. In response to the overwhelming opposition to the Federal Communications Commission's rule to outlaw the use of nearly 95,000 communication radios presently in service in the general aviation fleet, they have extended the compliance deadline from January 1, 1990, until January 1, 1992. The Aircraft Owners and Pilots Association, Experimental Aircraft Association, General Aviation Manufacturers Association, and the Helicopter Association jointly petitioned the FCC for the rule extension. John Baker, president of AOPA, announced that they still plan to work on having all currently installed radios excluded from the rule because the original intent of the World Administrative Radio Conference (WARC) was to permit "grandfathering" of these radios.



Montana and the Sky
USPS 359 860
DEPARTMENT OF COMMERCE
Stan Stephens, Governor
Mike Letson, Director

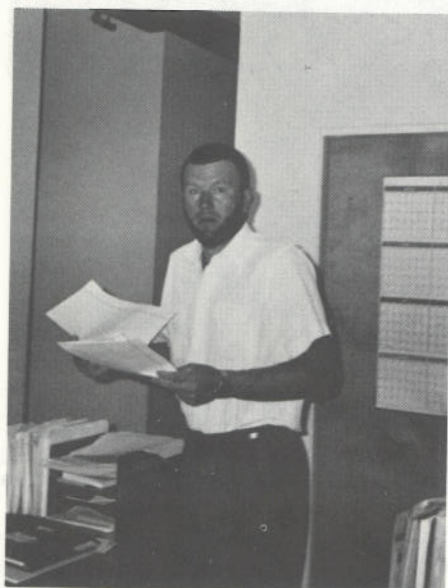
Official Monthly Publication
of the
AERONAUTICS DIVISION
Phone 444-2506
2360 Airport Road
Helena, Montana 59604
Michael D. Ferguson
Administrator

AERONAUTICS BOARD
Myron K. Strand, Chairman
Albert C. Cochran, Member
Joel Fenger, Member
Douglas Freeman, Member
Howard Gipe, Member
Russell R. Pankey, Member
Phillip O. Pederson, Member
George Teslovick, Member
C. R. Ugrin, Member

MONTANA AND THE SKY is published monthly in
the interest of
aviation in the State of Montana.
Second-Class postage paid at
Helena, Montana 59604
Subscription \$3.00 per year
Editor: Martha E. Kurtz

"POSTMASTER: Send address
change to Montana and the Sky,
Box 5178, Helena, Montana
59604."

DIVISION COMPLETES INSPECTION PROGRAM



By: Redge Meierhenry
Aviation Representative

The Airport/Airways Bureau has completed the FY 89 contract with the FAA for the Airport Master Record Program. This is a program important to pilots, airport managers/owners, and the FAA.

The purpose of the Airport Master Record Program is to collect information on selected airports. This year our contract was for 55 airports, and of those 55, we redrafted a new airport layout sketch for six.

Each airport that is selected for inspection gets a thorough look at such things as the runway safety area, obstructions to each runway end, based aircraft, lighting information, runway lengths and widths, and more. The purpose of the layout sketch is to show structures, taxiways, runways, etc., showing their general location one to another.

You may be wondering how all this effort relates to you, the pilot. This data collection is important to you because this forms the basis for the Airport/Facility Directory which affects the safe and efficient use of airports by pilots.

Airport managers appreciate our visit because we can sometimes point out unsafe areas on or near the airport (particularly obstructions) which may go unnoticed by airport management. The airport owners know this is important from a liability point of view.

Last, the FAA and the National Oceanic and Atmospheric Administration use this data

for charting airports on sectionals, WACs, and low and high altitude en route charts.

As you see, this is an important program for all of us who use the airway/airport system. Look for me next time I visit your airport. I'll probably be out wandering in the weeds of the approach end. Now you will know what I am doing.



AVIONICS SEMINARS TO BE OFFERED

Avionics information seminars are scheduled for early November at three locations in the state (see Calendar for dates and times). The seminars are being offered by Aerotronics, Billings.

Topics to be covered will include information on FCC rules on radio frequency tolerances; transponders, Mode C and Mode S; encoding altimeters; aircraft antenna systems; and static discharge systems.

Not for sales but for information only, the seminars are free. Hors d'oeuvres and soft drinks will be served.

If your group or facility would be interested in sponsoring a seminar, contact Aerotronics in Billings at 259-5006.

HELENA VO TECH MECHANIC WINS INAC SCHOLARSHIP



Members of the Helena Vo Tech faculty and INAC Board members recently joined to present David Freswick with a \$500 INAC scholarship. Pictured above are (from left) Phil Vittetoe, Vo Tech instructor; Mike Ferguson, Division administrator and INAC Board member; David Freswick; Harold Hamm, INAC Board member; and Hal Keilman and Bill McCurdy, Vo Tech instructors. Freswick was raised in the Bozeman area and has spent considerable time doing missionary work in Nigeria. He hopes to apply his aviation skills serving as a pilot/mechanic for a mission agency. In addition to earning his A & P, David holds a CFI and is working on his CFII. He currently lives in Helena.

CALENDAR

- Oct. 31** - Pilot Safety Seminar, Butte.
- Nov. 1** - Pilot Safety Seminar, Ennis.
- Nov. 2** - Pilot Safety Seminar, Bozeman.
- Nov. 6** - Avionics Information Seminar, 7:00 - 9:00 p.m., Sunbird Aviation, Bozeman.
- Nov. 8** - Avionics Information Seminar, 7:00 - 9:00 p.m., Morrison Flying Service, Helena.
- Nov. 10** - Avionics Information Seminar, 7:00 - 9:00 p.m., Holman Aviation, Great Falls.
- Feb. 16 - 18** - Flight Instructor Refresher Clinic, Helena.
- Feb. 28 - March 3** - Montana Aviation Conference, Helena.
- March 1 - 3** - Aircraft Mechanics Refresher Seminar, Helena.

CHART REVISION BEGINS

As you are aware, the Montana Aeronautical Chart is in the process of being revised and updated. Again this month we have published a form on page 7 for your use in reporting changes and/or additions in depiction of airstrips in the state. Note that if your airstrip is already depicted on the most current chart and we do not hear from you, we will assume that the information we already have is correct.

Please take the time to verify information on the current chart and let us know through use of the form on page 7 if there are any changes to be made. Changes must be received by our office NO LATER than November 10.

1989 SEARCH CLINIC HELD IN KALISPELL

The 1989 Mountain Search Pilot Clinic was held in Kalispell September 22 - 24 with instruction in search techniques, survival, and mountain flying being offered to thirty participants.

The purpose of the Clinic is to offer training to Montana pilots who volunteer to be a part of the Division's search and rescue network. This is the eleventh annual Search Clinic conducted by the Montana Aeronautics Division.

Clinic instructors for 1989 included Major Bob Reinert, USAF Liaison Officer for Civil Air Patrol, Malmstrom AFB; Sparky Imeson, mountain flying expert from Denver, Colorado; Chuck Thuot, Emergency Response Institute, Seattle; Major Fred Stoval, 304th Air Rescue Squadron, Portland, Oregon; Will Mavis, Helena, and Lyle Sartain, Great Falls, who instructed in ELTs. Flight instructors were Paul Myhre, Great Falls; Bill Werner, Kalispell; Stan Read, Hamilton; Fritz Lueneburg, Columbus; Bill Stewart, Hamilton, and Ray Austin, Aeronautics Division.

Those Montana pilots participating in the Clinic were: Henry Barron, Townsend; Monte Belgarde, Rocker; Hal Blomstrom, Butte; Elizabeth Buelna, Jordan; Jim Cooney, Helena; John Drumheller, Bozeman; Bob Edwards, Somers; David Flamand, Butte; Paul Fournier, Hamilton; David Freswick, Helena; Gerald Geske, Superior; James Hadwin, Kalispell; Lanny Hanson, Glasgow; Bob Heckel, Eureka; Eric Huggans, Conner; Richard Johnson, Butte; Pat Kountz, Whitehall; F.D. MacDonald, Missoula; Terry Mitton, Columbia Falls; Orville Moore, Roundup; Michael Moran, Whitefish; David O'Connell, Butte; Tom Regan, Hamilton; Ray Sanders, Kalispell; Robert Schuyler, Missoula; Kenneth Scott, St. Ignatius; David Stover, Helena; Bob Switzer, Hamilton; Ronald Warnick, Fort Shaw; and James Winslow, Troy.



Participants gather for ELT instruction before going outdoors for some hands-on work with homing equipment.



Lyle Sartain explains the operation of the ELT homer.



Will Mavis (center) offers help to participants using the ELT homing antenna.



Participants learn how to direct reflection from a mirror to an aircraft flying over a crash site by sighting through their fingers.



Chuck Thuot of the Emergency Response Institute explains methods of purifying water.

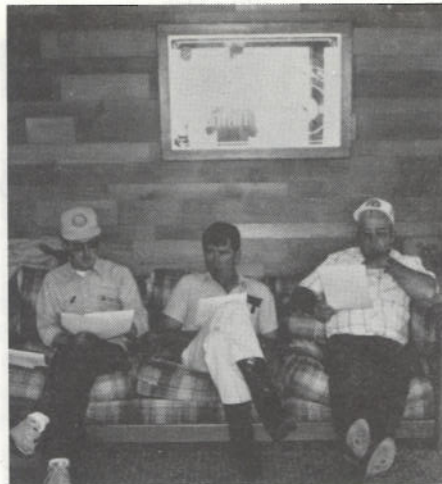


Elizabeth Buelna, Jordan, prepares for the airborne mountain flying training with instructor Bill Stewart, Hamilton.

MPA FALL FLY-IN HELD AT GREAT FALLS AIRPORT SEPTEMBER 29 - 30



The MPA Board held a meeting on Saturday morning in conjunction with the Fall Fly-In. Pictured above are (from left) Jim Fleming, Kalispell; Pete Pederson, Glasgow; Scott Stanley, Great Falls; and Lisle Wood, Butte. Observing in the background is Kevin McGreevy, Butte.



Ray Austin, Helena; Patrick Linfo, Glendive; and Bailey Egan, Forsyth.



Ted Beck, Helena; Earl Jensen, Glendive; and Dave Fine, Butte.



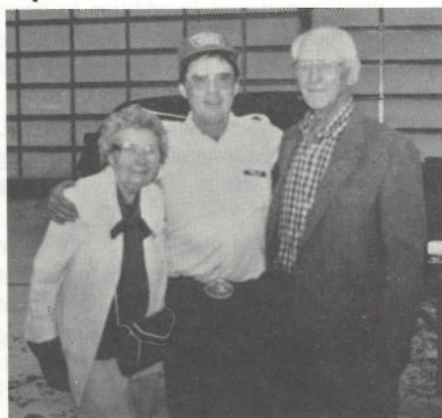
Many of the participants of the 1988 Montcanaska Air Tour also attended the MPA Fly-In.



Activities at the Fly-In included tours at Malmstrom AFB, the destination of this bus load of pilots.



Pete Pederson, Aeronautics Board member representing MPA, visits with Gordon Sands, Havre. Gordon has been flying since 1928.



Mike Ferguson poses with two Montana aviation pioneers - Vivienne Schrank, Jordan, and Gordon Sands, Havre. Vivienne began flying in 1944.



Larry Larson (left), Molt, and company provided the music for the hangar dance following dinner on Saturday night. Playing here with Larry are Willard Ferch, Laurel, LaLonnne Larson, and Kevin McGreevy, Butte.

ROSS JUMPS!

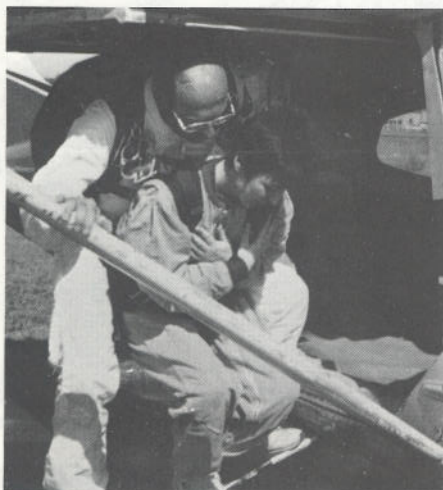
By: Don Ross, Kalispell

(The following was sent to us by Dora Ross's husband Don following her parachute jump on September 22.)

Dora has always wanted to do a jump, and I guess it runs in the family. Dora has several cousins that are airborne members of the Greek special forces.

For this first jump, she did a tandem jump with local jump master, Fred Sands. Fred gave her about an hour of instruction. Then they climbed into the 182 and flew to 13,000 feet msl and jumped out. Since this was a tandem jump, they did about a 6,000 foot free fall, but since it is a tandem, they use a drogue chute to slow them down a little in the free fall. The chute they use is about 80% larger than the normal chute.

Dora did many turns with the chute on the way down. They landed right on the planned spot. Dora got up with a big smile and said, "When can I go again?!"

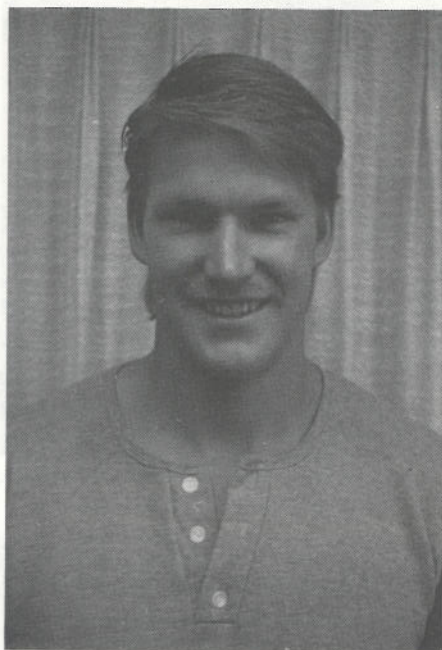


Dora Ross prepares to board the plane with jump master Fred Sands.



A happy landing!

MEISSNER JOINS DIVISION STAFF



Blaine Meissner joined the staff of the Aeronautics Division in September. He replaces Mike Rogan in the position of Airport/Aircraft Technician. Mike was promoted to Aviation Representative.

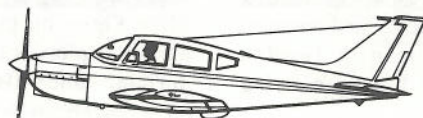
Blaine was raised on a ranch in the Chester area and so brings to his new position experience in operation and maintenance of many types of equipment. Training following high school includes the Helena Vo Tech Center, Montana State University, and the Cheyenne Aero-Tech at Cheyenne, Wyoming. He completed his training at Cheyenne in October 1988 and received his A & P certification in November that year.

Work experience, in addition to ranch and construction, includes time spent as a line maintenance mechanic for Mesaba Northwest Airlink in Detroit, Michigan.

Blaine enjoys snow and water skiing, snowmobiling, restoring old cars, and flying model airplanes. He holds a private pilots license.

In addition to maintenance on state airports, Blaine will be responsible for beacon maintenance, vehicle and equipment maintenance, and assisting with maintenance on the two single engine Aeronautics aircraft.

We welcome him to the staff.



FAA ISSUES CERTIFICATES

PRIVATE

Keith Arensmeyer	Great Falls
David Brown	Great Falls
Nigel Davis	Butte
Dennis England	Helena
Charles Fisher	Bozeman
Mark Frenk	Billings
Gerald Hansen	Butte
Paul Herrmann	Helena
Kelly Jennings	Glasgow
Kenneth Jensen	Pompeys Pillar
Loretta Munger	Billings
John Ruddock	Billings
Donald Schlothauer	Fairview
Scott Seim	Great Falls
Justin Shinchfield	Wise River
Todd Siegle	Bloomfield
Stuart Smith	Kalispell
Charlott Sticka	Billings
Timothy Tabin	Billings
Trek Thompson	Great Falls
Steven Williamson	Bozeman
Gregory Fritz	Florence

PRIVATE INSTRUMENT

Berry Jackson	Bozeman
William Morse	Harlowton
Faust Alvarez	Helena

COMMERCIAL INSTRUMENT

Berry Jackson	Bozeman
Stuart Smishek	Red Lodge

MULTIENGINE INSTRUMENT

Russell Dahl	Glasgow
--------------------	---------

ATP

Kent Potter	Billings
Wade Litton	Billings
Chris Shoemaker	Billings
Darry Papineau	Billings

INSTRUCTOR

Sean Murphy	Garrison
Dennis DeVivo	Dillon

INSTRUCTOR - MULTIEENGINE

Wade Litton	Billings
-------------------	----------

**ATTENTION:
MONTANA AIRSTRIPOWNERS**

The Montana Aeronautics Division is compiling the necessary data to complete the new 1990 Aeronautical Chart. All private airstrip owners are requested to fill out the following questionnaire. If your airstrip is already depicted on our most current chart and if we do not hear from you, we will assume that the information we already have is correct.

We have had a legal opinion which indicated that an airstrip clearly depicted as being restricted and 1) privately owned; 2) not for public use; 3) having possible unreported hazards; 4) user assumes all risk; and 5) prior permission required will have less liability on the owner than one which is NOT shown on the chart but is clearly visible from the air and identifiable as an airstrip and, therefore could possibly be considered an invitation for public use.

Mail to: Aeronautical Chart Revisions
Montana Aeronautics Division
Box 5178
Helena, MT 59604

PRIVATELY OWNED AIRSTRIPOLOCATION

Name of Airstrip _____

Name of Owner _____

Owner's Mailing Address _____

AIRSTRIPOLOCATION

County _____ Section _____ Township _____

Range _____ Latitude _____ Longitude _____

Nearest Town _____ Direction _____ Miles _____

Does your airstrip serve as a community's only airport? Yes _____ No _____

Is your airstrip open to the public? Yes _____ No _____

Do you carry public airport liability insurance? Yes _____ No _____

Comments _____

AIRSTRIPODATA

Runway Direction	Length	Width	Approach Obstructions & Distances
_____	_____	_____	_____
_____	_____	_____	_____

Airport Elevation _____ Unicom Radio? Yes _____ No _____

Fuel Available? Yes _____ No _____ Octane? _____ Emergency Only _____

Telephone Available? Yes _____ No _____ Phone Number _____

Airstrip Owner's Signature _____

Certificates Continued

INSTRUCTOR RENEW/ REINSTATE

Kenneth Byers	Kalispell
David Gellner	Billings
Douglas Regenold	Arlee
Darry Papineau	Billings
Rolan Albright	Roundup
Monte Belgarde	Rocker
Terry Bullis	Hardin
David Coon	Helena
James Dustin	Billings
William Ferguson	Livingston
David Flamand	Butte
William Jeffers	Forsyth
Charles Moore	Roundup
Dallas O'Connor	Poplar
Eric Schimpff	Kalispell
Chris Shoemaker	Billings
Michael Stockhill	Kalispell
Duane Wright	Billings

AOPA AWARD GOES TO VIRGINIA GOVERNOR

Gerald L. Baliles, Governor of the Commonwealth of Virginia, has been named the 1989 recipient of the AOPA Joseph B. Hartranft Award.

The Hartranft Award is named for AOPA's first employee, long-time president, and former board chairman, and is given annually to a government official who has made a significant contribution to general aviation.

Baliles was cited for a number of specific contributions including his initiation of a program which resulted in an increase in aviation funding in Virginia from \$1.3 million per year to \$10.2 million. Additionally, he has placed an increased emphasis on aviation education for the purpose of aviation education awareness and related activities.

Baliles served as chairman of the National Governor's Association. Under his leadership, the first comprehensive review of state aviation programs assisting in the development and funding of aviation was undertaken.

LIGHTS AND WINDSOCKS AVAILABLE

We carry an inventory of popular runway lighting system replacement parts and lenses, a wide variety of runway and beacon lamps, and three sizes of windsocks. Contact Mike Rogan for orders, prices, etc., by calling 444-2506.

We also have three runway lighting radio controllers available on a cost sharing basis. Being able to turn runway lights on only when needed helps to save energy and curtail vandalism. Contact Jerry Burrows at the Division if you are interested in one of these controllers.

AIRPORT GRANTS AVAILABLE

The Aeronautics Division has available \$1,000 Preliminary Engineering Grants. The purpose of these grants is to assist airport owners in developing plans, studies, specifications, etc., for airport improvement projects.

Contact Jerry Burrows at 444-2506 if you qualify and are interested.

MEMBER

NATIONAL ASSOCIATION OF STATE AVIATION OFFICIALS

PURPOSE—"To foster aviation, as an industry as a mode of transportation for persons and property and as an arm of the national defense; to join with the Federal Government and other groups in research, development, and advancement of aviation; to develop uniform laws and regulations; and to otherwise encourage cooperation and mutual aid among the several states."



P.O. Box 5178
Helena, Montana 59604

October 1989

Second-Class
Postage Paid at
Helena, MT 59604